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**DETAILED ACTION**

1. Claims 1-16 and 25 are allowed.

**EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Daryl K. Neff on 3/12/09.

3. The application has been amended as follows:

Please cancel claims 17-24.

4. Pursuant to MPEP 606.01, the title has been changed to read:

**-- A SYSTEM AND METHOD OF CONTROLLING POWER CONSUMPTION IN  
AN ELECTRONIC SYSTEM BY APPLYING A UNIQUELY DETERMINED MINIMUM  
OPERATING VOLTAGE TO AN INTEGRATED CIRCUIT RATHER THAN A  
PREDETERMINED NOMINAL VOLTAGE SELECTED FOR A FAMILY OF  
INTEGRATED CIRCUITS --**

***REASONS FOR ALLOWANCE***

5. The following is an examiner's statement of reasons for allowance:

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US Pat No 7017063 to Morse et al<sup>1</sup> teaches providing an offset voltage value to indicate a change to a voltage ID signal [fig. 3 and col. 4 lines 4-15].

Applicants Admitted Prior Art teaches testing integrated circuits at worst-case system operating conditions which adversely affects end system power consumption [para. 0003 and 0007].

The prior art of record does not teach or suggest individually or in combination transmitting voltage control information *corresponding to a difference* between a minimum operating voltage uniquely determined for the integrated circuit and a predetermined nominal voltage selected for a family which is then used to store the minimum operating voltage in a storage element.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

### ***Conclusion***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARK CONNOLLY whose telephone number is (571)272-3666. The examiner can normally be reached on M-F 9AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas C. Lee can be reached on (571) 272-3667. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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<sup>1</sup> Filed after the present application

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/Mark Connolly/  
Primary Examiner, Art Unit 2115  
3/12/09

Mark Connolly  
Primary Examiner  
Art Unit 2115